In the Claims

1. (currently amended) A portable water heating system, the system comprising:

a housing with an inside and an outside, the housing adapted to be portable to store and transport water received therein;

a water inlet disposed on the outside of the housing;

a first hose nipple attached to the water inlet, the first hose nipple adapted to connect a water source to the system;

a heating element adapted to heat water inside the housing;

a lining disposed inside of the housing, the lining adapted to protect the inside of the housing from water corrosion;

a water outlet disposed on the outside of the housing; and

a second hose nipple attached to the water outlet, the second hose nipple adapted to connect a fluid conduit for heated water distribution.

2. (original) The system of claim 1 further comprising an adjustable thermostatic control controlling the output of the heating element.

3. (original) The system of claim 2 further comprising a first ground fault protection device disposed between an external electrical supply and the adjustable thermostatic control and a high temperature shutoff element located in the adjustable thermostatic control, the high temperature shutoff element protecting the system by shutting the system down when a predetermined threshold temperature has been exceeded.

4. (original) The system of claim 1 further comprising a set of wheels mounted on the outside of the housing.

5. (original) The system of claim 1 further comprising a handle attached to the outside of the housing.

6. (original) The system of claim 5 wherein the handle is selected from the group consisting of a fixed handle, a folding handle, a retractable handle, a molded handle and combinations of these.

7. (original) The system of claim 1 further comprising a mounting element interface located on the outside of the housing, the mounting element interface securing the system to a mounting element when not in use.

8. (original) The system of claim 3 further comprising an insulated barrier surrounding the outside of the housing, a second ground fault protection device disposed between the external electrical supply and the heating element, and wherein no coiled water conducting tube is provided so as to remove an element prone to failure due to clogging from the system.

9. (original) The system of claim 1 further comprising a relief value disposed on the outside of the housing, wherein the housing comprises a double walled housing and an anode disposed inside the housing, the anode protecting parts located on the inside of the housing from corrosive effects of water.

10. (original) The system of claim 9 wherein an outer wall of the housing is made of a material different than an inner wall of the housing.

11. (previously presented) The system of claim 10 wherein the housing material is selected from the group of materials comprising plastic, metal, metal-alloys, rubber, fiberglass, epoxy, synthetic rubber compounds, latex compounds, polyurethane, fiber resin composite materials and combinations of these.

12. (currently amended) A portable water heating system, the system comprising:

a housing with an inside and an outside, the housing adapted to directly hold water and to transport water stored therein;

a water inlet disposed on the outside of the housing;

a first hose nipple attached to the water inlet, the first hose nipple adapted to connect a water source to the system;

a heating element adapted to heat water inside the housing;

a lining disposed inside of the housing, the lining adapted to protect the inside of the housing from water corrosion;

a water outlet disposed on the outside of the housing;

an adjustable thermostatic control controlling the output of the heating element;

a first ground fault protection device disposed between an external electrical supply and the adjustable thermostatic control;

a high temperature shutoff element located in the adjustable thermostatic control, the high temperature shutoff element protecting the system by shutting the system down when a predetermined threshold temperature has been exceeded; and

a second hose nipple attached to the water outlet, the second hose nipple adapted to connect a fluid conduit for heated water distribution.

13. (original) The system of claim 12 further comprising a first ground fault detecting device disposed between the external electrical supply and the adjustable thermostatic control and a high temperature shutoff element located in the adjustable thermostatic control, the high temperature shutoff element protecting the system by shutting the system down when a predetermined threshold has been exceeded.

14. (original) The system of claim 12 further comprising a set of wheels mounted on the outside of the housing.

15. (original) The system of claim 12 further comprising a handle attached to the outside of the housing.

16. (previously presented) The system of claim 15 wherein the handle is selected from the group of structures of fixed, folding, retractable, molded and combinations of these.

17. (original) A method of increasing safety when using a portable water heating system, the method comprising:

providing a portable water heating system with a heating element;

controlling the heating element operation with an adjustable thermostatic control;

providing a ground fault detecting device between the adjustable thermostatic control and the external electrical supply; and

shutting off the system with a high temperature shutoff element forming a part of the adjustable thermostatic control, when a predetermined threshold has been exceeded.